

[MENU](#)[SEARCH](#)[INDEX](#)[DETAIL](#)

1/1



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11)Publication number: 07306659

(43)Date of publication of application: 21.11.1995

(51)Int.CI.

G09G 3/32

G09G 3/20

H01L 33/00

(21)Application number: 06121855

(71)Applicant:

NICHIA CHEM IND LTD

(22)Date of filing: 10.05.1994

(72)Inventor:

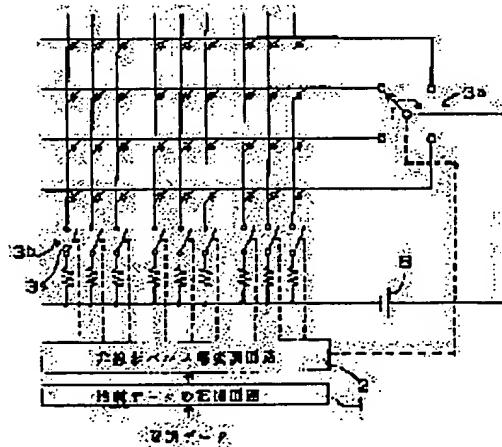
NAGAI YOSHIFUMI

(54) MULTICOLOR LED DISPLAY UNIT

(57)Abstract:

PURPOSE: To realize a desirable gray scale which can eliminate the luminance saturation perceived by eyes with a simple circuit.

CONSTITUTION: A multicolor LED display unit is provided with plural LEDs with different luminescent colors, disposed in the mutually close state, and an LED lighting circuit for blinking each LED so as to adjust the luminescent color and luminance. The LED lighting circuit is provided with a pulse width modulating circuit 2 for outputting the pulse corresponding to inputted gradation data, and an LED driving circuit 3 for lighting the LEDs by the output pulse of the pulse width modulaing circuit 2. The pulse width modulating circuit 2 modulates the output pulse width nonlinearly to the inputted gradation data.



LEGAL STATUS

[Date of request for examination] 07.01.1998
[Date of sending the examiner's decision of rejection]
[Kind of final disposal of application other than the
examiner's decision of rejection or application converted
registration]
[Date of final disposal for application]
[Patent number] 2917814
[Date of registration] 23.04.1999
[Number of appeal against examiner's decision of rejection]
[Date of requesting appeal against examiner's decision of
rejection]
[Date of extinction of right]

Copyright (C); 1998 Japanese Patent Office

[MENU](#) [SEARCH](#) [INDEX](#) [DETAIL](#)